

**From:** [McCasland, Mark](#)  
**To:** [Brescia, Nicolas](#); [Ngo, Kim](#)  
**Cc:** [Mason, Steve](#); [Smalley, Bryant](#)  
**Subject:** RE: WWTPs & MUDs: Hurricane Harvey Damage Assessments  
**Date:** Thursday, September 21, 2017 8:06:15 AM

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Do we consider this “TCEQ Data” or jointly held? TCEQ (Cari-Michel and others) may be OK with us providing the data (without FOIA) to them since they are working with the Governor’s office on this project. Clarification regarding inclusion of the locational data is still needed though

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**From:** Brescia, Nicolas  
**Sent:** Thursday, September 21, 2017 7:48 AM  
**To:** Ngo, Kim <Ngo.Kim@epa.gov>  
**Cc:** Mason, Steve <mason.steve@epa.gov>; McCasland, Mark <McCasland.Mark@epa.gov>; Smalley, Bryant <smalley.bryant@epa.gov>  
**Subject:** FW: WWTPs & MUDs: Hurricane Harvey Damage Assessments

How would you like to handle this, please see below. Do we need to protect this info? Should we have them FOIA this?.....Please advise



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**From:** Brescia, Nicolas  
**Sent:** Thursday, September 21, 2017 7:01 AM  
**To:** 'Steve Mason' <[Mason.Steve@epa.gov](mailto:Mason.Steve@epa.gov)>  
**Subject:** FW: WWTPs & MUDs: Hurricane Harvey Damage Assessments

See below and advise



**From:** McCasland, Mark  
**Sent:** Wednesday, September 20, 2017 3:47 PM  
**To:** Brescia, Nicolas <[brescia.nicolas@epa.gov](mailto:brescia.nicolas@epa.gov)>; Benjamin Latham <[benjamin.latham@westonsolutions.com](mailto:benjamin.latham@westonsolutions.com)>; [Janine.Latham@WestonSolutions.com](mailto:Janine.Latham@WestonSolutions.com)  
**Subject:** FW: WWTPs & MUDs: Hurricane Harvey Damage Assessments

Nic - does this need to be a FOIA request? The data would include locational data that was provided by TCEQ so that needs to be protected at some level.

Ben – I can work with you on developing a query to get the data for which they are asking once Nic approves.

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**From:** Porter, Brent [<mailto:bporter@csr.utexas.edu>]  
**Sent:** Wednesday, September 20, 2017 3:02 PM  
**To:** McCasland, Mark <[McCasland.Mark@epa.gov](mailto:McCasland.Mark@epa.gov)>  
**Subject:** Re: WWTPs & MUDs: Hurricane Harvey Damage Assessments

Good Afternoon Mark,

This appears to be the kind of data we'd like to see - is the data available in a database table or in a spreadsheet table format? Or a spatial format that we could use in conjunction with the counties containing the WWTP and PWS locations?

Thanks for your assistance,  
Brent Porter  
Center for Space Research  
University of Texas, Austin

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**From:** McCasland, Mark <[McCasland.Mark@epa.gov](mailto:McCasland.Mark@epa.gov)>  
**Sent:** Wednesday, September 20, 2017 1:33:26 PM  
**To:** Porter, Brent  
**Cc:** Leticia Deleon; Brescia, Nicolas; Abel Garcia; [paul.buschow@tceq.texas.gov](mailto:paul.buschow@tceq.texas.gov); Benjamin Latham; [Janine.Latham@WestonSolutions.com](mailto:Janine.Latham@WestonSolutions.com)  
**Subject:** Re: WWTPs & MUDs: Hurricane Harvey Damage Assessments

Good afternoon Brent,

For our field assessments at WWTP and PWS, we used the attached forms. All of the data our teams collected is in EPA's Response Manager (RM) which the state (TCEQ) also used to input all assessments including those conducted by phone, email or field. We consider RM our database of record for our DW and WWTP assessments.

The systems in RM including the county, facility ID, name, damage level categories,

etc. The PWS have locational data, but the WWTP locational data is not as complete in RM.

Please note that there will likely be minimal field assessment data from the Alpha and Charlie Branches of the response as all of our field work was conducted by the Bravo Branch which encompasses TCEQ Region 12's counties (Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, Walker, Waller, Wharton). The counties of Bastrop, Fayette and Lee were included in the Bravo Branch but were covered by TCEQ's Region 11 office (Austin).

A quick check of RM on the DW side shows assessments of any kind for 4 MUDs in the Corpus Christi Region, 456 in the Houston Region and 7 in the Beaumont Region.

Is this the type of data needed? Something different? Please let me know so we can help you the best we can.

Thanks,

Mark McCasland  
US EPA Region 6  
Drinking Water Section (6WQ-SD)  
(214) 665-8088 (w)

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**From:** Paul Buschow  
**Sent:** Tuesday, September 19, 2017 4:22 PM  
**To:** Jennifer Kirby <[Jennifer.Kirby@Tceq.Texas.Gov](mailto:Jennifer.Kirby@Tceq.Texas.Gov)>; Tom Nuernberger <[Tom.Nuernberger@tceq.texas.gov](mailto:Tom.Nuernberger@tceq.texas.gov)>; Conrad Schaefer <[conrad.schaefer@tceq.texas.gov](mailto:conrad.schaefer@tceq.texas.gov)>; Nancy Vignali <[nancy.vignali@tceq.texas.gov](mailto:nancy.vignali@tceq.texas.gov)>; Kent Steelman <[kent.steelman@tceq.texas.gov](mailto:kent.steelman@tceq.texas.gov)>; Charles Brown <[charles.brown@tceq.texas.gov](mailto:charles.brown@tceq.texas.gov)>; Michelle Tischler <[michelle.tischler@tceq.texas.gov](mailto:michelle.tischler@tceq.texas.gov)>  
**Cc:** Brent Porter @ CSR <[bporter@csr.utexas.edu](mailto:bporter@csr.utexas.edu)>; Elayne Barber <[elayne.barber@tceq.texas.gov](mailto:elayne.barber@tceq.texas.gov)>; Ivan Wong <[Ivan.Wong@Tceq.Texas.Gov](mailto:Ivan.Wong@Tceq.Texas.Gov)>  
**Subject:** WWTPs & MUDs: Hurricane Harvey Damage Assessments

Good day,

Brent Porter over at CSR (Center for Space Research, UT), working with Dr. Gordon Wells, is trying to get some damage assessment data for waste water treatment plants (WWTP) and/or MUDs. They are looking for any info we may have on WWTPs or MUD damage assessments by county, or a list of the names of the affected sites or MUDs.

CSR is working with GLO and the Governor's Office on a web-based site to roll-up the damage assessments.

If you have any specific questions for Brent, he is on the CC line.

Thank you all for any information you may have that you can share.

-Paul

Paul Buschow, GISP

GIS Work Lead

IRD/ESS/Enterprise Reporting & GIS Team (ER-GIS)

Texas Commission on Environmental Quality

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[paul.buschow@tceq.texas.gov](mailto:paul.buschow@tceq.texas.gov)

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